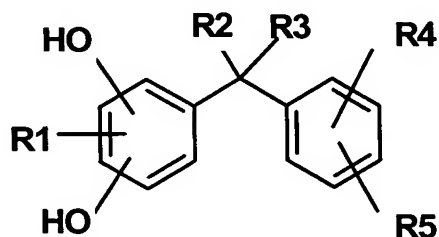


IN THE CLAIMS:

1. (Currently Amended) ~~Use of~~ A tyrosinase inhibitor comprising a compound of the Formula 1 in an amount effective for skin lightening in humans, hair lightening in humans, combating age spots in human skin, or inhibiting browning in foods: ~~or of a mixture of substances that contains one or more compounds of the Formula 1,~~



where:

R1 is $[-]$ hydrogen, $[-]$ methyl, $[-]$ straight-chain or branched, saturated or unsaturated alkyl having 2-4 C atoms, $[-]$ OH or $[-]$ halogen,

R2 is $[-]$ hydrogen, $[-]$ methyl or $[-]$ straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms,

R3 is $[-]$ methyl or $[-]$ straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms, and

R4 and R5 independently of one another are $[-]$ hydrogen, $[-]$ methyl, $[-]$ straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms, $[-]$ OH or $[-]$ halogen,

~~as tyrosinase inhibitor for skin and/or hair lightening, and/or for combating age spots and/or as browning inhibitor in the food industry.~~

2. (Currently Amended) ~~Use of styrylresorcinol as~~ A tyrosinase inhibitor comprising styrylresorcinol in an amount effective for lightening human skin and/or hair, ~~lightening and/or for~~ combating age spots in human skin, and/or as inhibiting browning inhibitor in the food industry in foods.

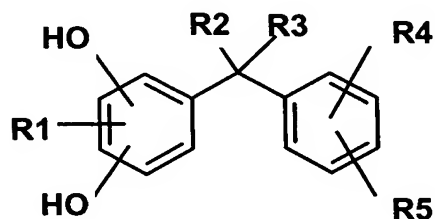
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3. (Currently Amended) Fragrance composition, comprising

- (a) a fragrance in an amount that has a sensory effect,
- (b) one or more compounds of the Formula 1 in an amount that has the effect of inhibiting tyrosinase



1

where:

R1 is $[-]$ hydrogen, $[-]$ methyl, $[-]$ straight-chain or branched, saturated or unsaturated alkyl having 2-4 C atoms, $[-]$ OH or $[-]$ halogen,

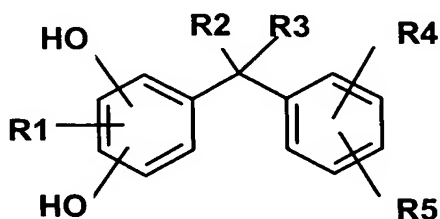
R2 is $[-]$ hydrogen, $[-]$ methyl or $[-]$ straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms,

R3 is $[-]$ methyl or $[-]$ straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms, and

R4 and R5 independently of one another are $[-]$ hydrogen, $[-]$ methyl, $[-]$ straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms, $[-]$ OH or $[-]$ halogen.

4. (Currently Amended) Cosmetic formulation, comprising

- one or more compounds for the care and/or cleansing of (a) skin and/or (b) hair and
- one or more compounds of the Formula 1 in an amount that has the effect of inhibiting tyrosinase



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where:

R1 is ☐ hydrogen, ☐ methyl, ☐ straight-chain or branched, saturated or unsaturated alkyl having 2-4 C atoms, ☐ OH or ☐ halogen,

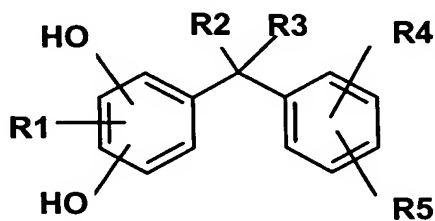
R2 is ☐ hydrogen, ☐ methyl or ☐ straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms,

R3 is ☐ methyl or ☐ straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms, and

R4 and R5 independently of one another are ☐ hydrogen, ☐ methyl, ☐ straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms, ☐ OH or ☐ halogen.

5. (Currently Amended) Sunscreen formulation, comprising

- an effective amount of a UV filter, so that the protection factor of the sunscreen formulation is ☐ greater than 2, and
- one or more compounds of the Formula 1 in an amount that has the effect of inhibiting tyrosinase



1

where:

R1 is ☐ hydrogen, ☐ methyl, ☐ straight-chain or branched, saturated or unsaturated alkyl having 2-4 C atoms, ☐ OH or ☐ halogen,

R2 is ☐ hydrogen, ☐ methyl or ☐ straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms,

R3 is ☐ methyl or ☐ straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms, and

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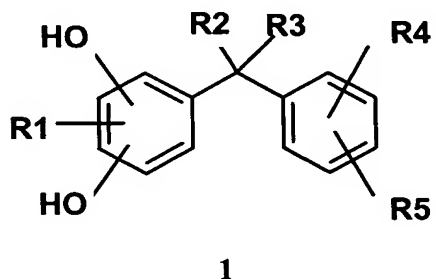
R4 and R5 independently of one another are ☐ hydrogen, ☐ methyl, ☐ straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms, ☐ OH or ☐ halogen.

In the Application of:

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6. (Currently Amended) ~~Use of~~ Preparing an agent (a) against skin and hair browning, (b) for combating age spots and/or (c) for the inhibition of the undesired browning of foods by adding thereto a compound of the Formula 1 ~~or of a mixture of substances that contains one or more compounds of the Formula 1,~~



where:

R1 is ~~[[-]]~~ hydrogen, ~~[[-]]~~ methyl, ~~[[-]]~~ straight-chain or branched, saturated or unsaturated alkyl having 2-4 C atoms, ~~[[-]]~~ OH or ~~[[-]]~~ halogen,

R2 is ~~[[-]]~~ hydrogen, ~~[[-]]~~ methyl or ~~[[-]]~~ straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms,

R3 is ~~[[-]]~~ methyl or ~~[[-]]~~ straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms, and

- R4 and R5 independently of one another are ~~[[-]]~~ hydrogen, ~~[[-]]~~ methyl, ~~[[-]]~~ straight-chain or branched, saturated or unsaturated alkyl having 2-5 C atoms, ~~[[-]]~~ OH or ~~[[-]]~~ halogen, ~~[[,]]~~ ~~for the preparation of an agent (a) against skin and hair browning, (b) for combating age spots and/or (c) for the inhibition of the undesired browning of foods.~~